

## **HUNTERS POINT SHIPYARD TIME-CRITICAL LANDFILL GAS REMOVAL ACTION**

### **EXTRACTION, MONITORING AND MAINTENANCE WEEKLY SUMMARY REPORT**

Monitoring Period: November 9 through November 15, 2002

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- Continued to actively extract gas and to conduct monitoring daily at extraction well EX8. Stopped extraction on 11/14/02 at 13:36 because methane concentration was 0.4% (below 2.5% intermediate goal) and extraction had occurred for greater than 5 days. See attached monitoring graph.
- Continued to actively extract gas and to conduct monitoring daily at extraction well EX9. Stopped extraction on 11/15/02 at 12:20 because methane concentration was 0.1% (below 2.5% intermediate goal) and extraction had occurred for greater than 5 days. See attached monitoring graph.
- Began extraction unit #2 on extraction well EX10 on 11/15/02 at 10:24. Initial methane concentration was 0.1%. Collected summa canister samples at the influent and effluent for laboratory analysis by EPA method TO-14A. Due to higher clay content within this area, only able to operate system at 10 cfm. See attached monitoring graph.
- Conducted weekly monitoring of all extraction wells not included in the daily monitoring program.
- Conducted weekly monitoring of passive vents #1 through #4. No breakthrough has occurred. No readings were recorded for methane or volatiles as part of fugitive emissions inspections at the connections, valves, and piping. See attached monitoring graph.
- Checked extraction unit connections, valves, and piping using field instruments for fugitive emissions as part of the maintenance requirements. No detections were recorded for methane or volatiles.
- Monitored daily for breakthrough of volatile compounds at the effluent sample ports on the carbon and hydrosil drums. No breakthrough has occurred.
- Conducted assessment of active system radius influence based upon monitoring results at locations (wells and GMPs) within 200-foot radius from each active location for extraction locations EX10. Because systems are operating at low flow rates, vacuum readings were negligible. See attached monitoring graphs.